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# GRAYS HARBOR COUNTY

STATE OF WASHINGTON

DEPARTMENT OF ECOLOGY  
S.W. REGIONAL OFFICE

November 5, 1984

Mr. Dennis Priebe  
Director of Public Works  
City of Hoquiam  
Hoquiam, WA 98550

Dear Mr. Priebe:

In line with recent correspondence from the Washington State Department of Ecology, Southwest Regional Office (WSDOE)(SWRO), in regards to design and operation of the Hoquiam Sanitary Landfill, this office agrees that a comprehensive update, as outlined by Mr. Betts of the SWRO in his letter of October 18, 1984, is justified. Therefore, we will require the City of Hoquiam to comply with the following recommendations of the WSDOE:

- 1) Hire a professional geohydrological consultant to prepare a comprehensive geological/hydrological assessment of the Hoquiam Landfill to address:
  1. Local/regional geology and hydrology;
  2. Evaluation of soil types and properties;
  3. Depths to ground water and/or publicly used aquifer(s);
  4. Direction and flow rate of local ground water;
  5. Direction of regional ground water;
  6. Quantity and location of private and public wells within a one-mile radius of site;
  7. Tabulation of all water rights for ground water and surface water within a one-mile radius of site;
  8. Identification and description of all surface waters within a one-mile radius of site;
  9. Identification of impacts to date upon ground and surface waters from landfill leachate discharges;
  10. Calculation of a site water balance; and
  11. Conceptual design of a ground water and surface water monitoring system.
- 2) Submittal of a scope of work by the consultant to this office for review prior to commencing work on the study. This scope of work shall be submitted by February 1, 1985.

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- 3) Upon completion and approval of the geological/hydrological report, an updated engineering report and monitoring program shall be formulated and submitted to this office for joint review with WDOE. The geohydrological report shall be completed by June 1, 1985. Compliance schedules for the engineering report and monitoring program shall be established upon review of the geohydrological report.

These requirements are necessary to comply with WAC 173-301, minimum functional standards for solid waste handling.

If you have any questions regarding this matter, please call this office.

Sincerely,

Paul Sweet, R.S.  
Director of Environmental Health

PS:pc

cc: WSDOE - Brett Betts  
Mike Murphy, Chairman  
Grays Harbor Co. Commissioner  
Mayor McGuire  
City of Hoquiam